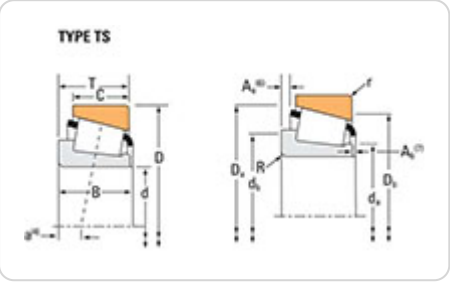
The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
Phone: (234) 262-3000
E-Mail: CustomerCAD@timken.com (mailto:CustomerCAD@timken.com) • **Web site:** www.timken.com (http://www.timken.com)

Part Number 1738X, Tapered Roller Bearings - Single Cups - Imperial





This is the most basic and most widely used type of tapered roller bearing. It consists of two main separable parts: the cone (inner ring) assembly and the cup (outer ring). It is typically mounted in opposing pairs on a shaft.

Other Dimensions

Weight	0.30 Kg 0.60 lb

C - Cup Width	0.6910 in 17.551 mm
Max Housing Fillet Radius[1]	0.090 in 2.29 mm
Housing Backing Shoulder Diameter - Frontface (Da)	2.05 in 51.1 mm
Housing Backing Shoulder Diameter - Backface (Db)	1.91 in 48.51 mm

Key Dimensions

Series	1700
Cup Part Number	1738X
O.D. (D)	2.2500 in 57.150 mm
e Factor [2]	0.31
Y Factor [3]	1.95

Factors

Geometry Factor (Cg)[4]	0.0521

[1] These maximum fillet radii will be cleared by the bearing corners.

[2] These factors apply for both inch and metric calculations. Consult your Timken representative for instruction on use.

[3] These factors apply for both inch and metric calculations. Consult your Timken representative for instruction on use.

[4] Geometry constant for Lubrication Life Adjustment Factor a3l.